

- Yucca Mountain Nuclear Repository -
6/4/07 0930
Barbara Byrum - California Energy Commission
Meeting held in Sacramento

Jim Boyd → Commissioner of CA Energy Commission
he has worked on Yucca Mountain for the last five years
CA. Energy Commission → has recommended no new nukes until
the waste problem is solved. → today, Nukes
are popular because of Carbon / Global Climate
Change issues.

Barbara - Since 1989, the State has been providing
comments on Yucca Mountain. CEC has been
clearinghouse for State Agencies' comments.

* Copies of comments - ask Barbara.
DFB has provided comments -

2000 - potential transportation impacts to CA

Department of Energy - submitting a license application
in June - Feinstein & Boxer oppose.
Ground water / transportation impacts.

Steve Frishman - State of Nevada's SW studies.

Inyo County - further development of water
resources - will have a marked effect on
Inyo County - Death Valley in particular.

Geologic disposal of NW. - Stability, hydrology effective
in containing the waste. Site screening must
be done very carefully - Yucca Mt. is not

a suitable site. Waste will be in SW
that will affect people in Amargosa Valley
Alfalfa sold to Amargosa Valley Dairy. 30-35%
of the crop is organic. We know that,
waste from Yucca Mt. will be released - it
is a question of when. Yucca mountain
flows into the Amargosa River.

Steep SW gradient - Nobody knows why -
Department of Energy stopped investigation.

1000-ft gradient 5 miles S of Yucca mountain
Can it rise and affect the waste? Maybe

GW primarily moves through the fracture systems
meters to tens of meters per year.

Once little contacts for our wife "Peggy" to whom exposure would be very dangerous

• **U.S. Economic Recovery Bill** (S. 2) introduced by Senator Edward Kennedy (D-Mass.) on May 10, 1981, proposes to cut taxes by \$100 billion over five years.

curves at - very soft -
top of street - very hard -

July 22 Mr. - Wielded first 10-14 N 4 A 10/20
Felicity farm soiling + fertilizing - 33 known faults
Fertilizing + Fertilizer carry the water.
Carrying water for excess use

Assume no containers - dose starts almost immediately - at 1000 years 100 millions/Year millions.

fracture has NO ability to contain the waste - does not have the capability to contain the waste - unsuitable geology

Peak dose → 200-300 k years w/ containers

- exceed GU standard - 500 years
peak dose → 2000 years.

Not a protective geologic system - it is going to fail.

- will show up in Death Valley springs.

DOE's corrosion studies look at 3-4 years corrosion - then they extrapolate to 1000's "not good science".

EPC sued by NV - now using colored
as a baseline for the Amargosa
Valley - 350 millions in Amargosa Valley

as opposed to 15 millions
EPA "helping" DOE by changing the
standard.

Matt Gaffney, Inyo County - content.

Mike Smith, hydrologist, Inyo Co.

County's issues: 4Mft, 500 feet above saturated zone

Carbonate aquifer region - water moves between basins.

Can act as a barrier to migration of contaminants.

0900 → June 25th CEC will have a wet cast on Ym waste disposal.